SEMENOV, K., nauchnyy sotrudnik

demonstration of the property of the property

Round livestock buildings. Nauka i pered. op.v sel'khoz. 9 no.7:29-31 Jl '59. (MIRA 12:11)

1. Nauchno-issledovatel'skiy veterinarnyy institut Akademii sel'skokhozyaystvennykh nauk BSSR.

(Farm buildings) (Stock and stockbreeding)

SEMENOV, K.

Semiconductors in the engineering techniques of today and of the future. Mor. flot 20 no. 12:34-35 D '60. (MIRA 13:12)

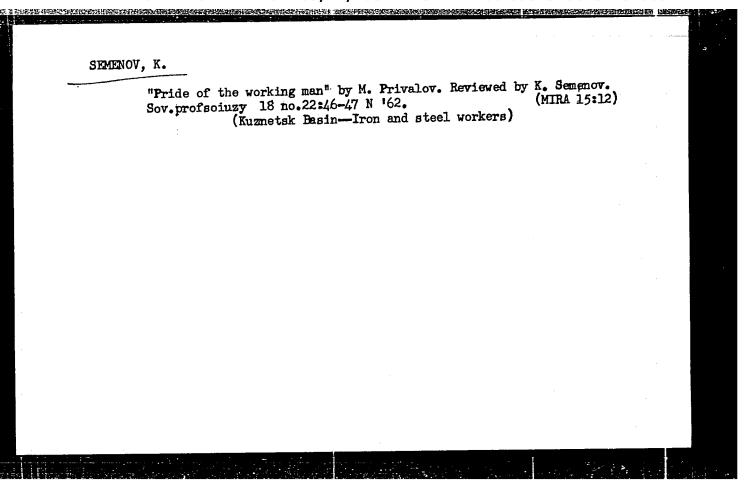
1. Zaveduyushchiy kafedroy Leningradskogo vysshego inzhenrnogo morskogo uchilishcha.

(Semiconductors)

SEMENOV, K.

Building materials production base of the Borisoblebskiy District interfarm building organization. Sel'.stroi. no.8:8b-9 Ag '62. (MIRA 15:11)

1. Glavnyy inzh. Yaroslavskoy mezhkolkhoznoy stroitel'noy organizatsii. (Borisoglebskiy District—Collective farms—Interfarm cooperation) (Building materials industry)



SEMENOV, K., inzh.; NIKOLAYEV, G., inzh.

Concrete elements made with waste products of the aluminum industry.
Na stroi. Ros. 4 no.5:24 My '63. (MIRA 16:5)

(Lightweight concrete) (Nephelite)

LISTOV, V.A.; ARTEM, M.V.; SEMENOV, K.A.; KULESHOV, V.D.; CHERNIKOVA, T.P.

Using the OSV-1 unit for determining the stability of the viscosity of thickened oils. Standartizatsiia 28 no.1:29-30 Ja '64. (MIRA 17:1)

KRYLOV, N.N., doktor tekhnicheskikh nauk; SEMENOV, K.A., kandidat tekhnicheskikh nauk.

Role of Russian and Soviet scientists in developing radio communications in the navy. Sbor.trud.LONITOVT no.1:5-19 '54. (MLRA 10:5) (Radio in navigation)

SEMENOV, K.A., kandidat tekhnicheskikh nauk.

Applying the clock diagram method for the analysis and

Applying the clock diagram method for the analysis and design of oscillation and input circuits for receivers with capacitor coupling. Sbor.trud.LONITOVT no.1:57-74 '54. (MLRA 10:5) (Radio circuits)

SEMENOV, K.A.

Use of circle diagrams in designing narrow-hand filters. Uch. zep. VIMU no. 2:22-32 Jl '56. (MIRA 11:8)

1. Kafedra radiopriyemnykh i radioperedayushchikh ustroystv Leningradskogo vysshego inzhenernogo morskogo uchilishcha ima dmirala Makarova.

(Electric filters) (Radio--Apparatus and supplies)

SEMENOV, K.A.

Attenuation of high- and low-frequency type m filters. Elektrosviaz'
10 no.7:50-59 J1 '56.

(Electric filters)

sov/1125

PHASE I BOOK EXPLOITATION

. Semenov, Konstantin Aleksandrovich (Circle Diagrams for Calculating Attenuation

Krugovyye diagrammy dlya rascheta sobstvennogo zatukhaniya elektricheskikh filitrov (Circle Diagrams for Calculating Attenuation in Electric Filters) Moscow, Izd-vo "Morskoy transport," 1958. cheskikh fil'trov 195 p. 3,000 copies printed.

Ed.: Kokushkin, A.A.; Tech. Ed.: Tikhonova, Ye.A. PURPOSE: This book was approved as a textbook by the Division of the MMR for students of the madio Edurational Institutions of the Tening and State of the Tables of the Tening and Tening Educational Institutions of the MMr for students of the raulo engineering department of the Leningradskoye vyssheye inzhenemove morebove uchilishehe imeni adm. S.O. Makasova (Leningrad Maritime engineering department of the Leningradskoye vyssneye indicheshow morskoye uchilishche imeni adm. S.O. Makafova (Leningrad Maritime morskoye uchilishche uchilishc Engineering Institute). It may also be of use to engineers and

technicians working with communications equipment.

COVERAGE: The author attempts to give as complete an explanation as MAUK: The author attempts to give as complete an explanation as possible of the circle diagram method and to demonstrate the expossible of the circle diagram to the design of electric filters, pediency of its application to the design of electric filters. peurency of the application to the design of electric little. B.

He claims to be the first to use the circle diagram method in

card 1/5

culation of Attenuation in Electric Filters Ch. II. Narrow-band Asymmetrical Filters 1. Attenuation at frequencies f < f ₁ for filters III ₁ and III' ₁ , and f > f ₂ for filters III ₂ and III' ₂ Attenuation at a frequency for filter of the filters of the filters III ₂ and III' ₂	29 42	
III'1, and f > f2 for filters III2 and III'2		
	45	
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$^{\rm III'}_2$ 3. Attenuation at a frequency $\rm f_2$ for filters $\rm III_1$ and	68	·
III' ₁ , and at a frequency f ₁ for filters III ₂ and III' ₂	70	
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Circle Diagrams for Calculating (Cont.) SOV/1125	
3. Attenuation at the frequency of infinite attenuation 4. Attenuation in the pass band 5. Attenuation in the band of suppressed frequencies 6. Examples for Chapter VI	170 171 173 174
Ch. VII. Filters of Single and Coupled Resonant Circuits 1. Single resonant circuit 1. Variation of impedance with capacitance and frequenc 2. Resonance and phase characteristics 2. Band filter of two inductively coupled resonant circuit	160
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AVAILABLE: Library of Congress JP/1sb 3-23-59	. - •

Card 5/5

SEMEN	ος; 	K. A	L			<i>i .</i>					**************************************			- :				 1	
	ANAMAMA: Library of Congress	the Potential Ormitent of the Atmospheric Electrical Field Turnen, A.M., Distribution of Light and Medium Ions in the Atmosphere According to Their Mobility and Concentration	Filipper, A. D., Investigation of a Galvanic Bath for Model Samurements in the Research on Atmospheric Electricity Filipper, A. D., and A.I. Tyntrin. Simplified Recording of	Tueset, Et. F., and E.V. Sapper. On the Theory of an Electrostatio	Impelin, A.M. Investigation of Components of Vertical Electric Coursest to the Ground	Salbethin, L.G. and T.A. Soloriyer. Electric of the Atmosphere During Pogs	Reported in Page and Clouds	Manhothin, L.G. Charges in the Charges of Dephate During Preparation	and instruments used are described. No percentage individual articles. Colobiar. T.P., and L.A., Benning. Bearing Operators in 1993		"FURTHER: This publication is intended for meteorologists and notestates concerned with the proline of atmospheric electricity. The book wa also be used by graduate students at bytczeniorological institutes and by university students studying physics of the atmosphere.	Rd. (Title puge): I.M. Inymatory Candidate of Physics and Mathematics; Ed. (Inside book): T.F. Udakors; Tech. Ed.: M.F. Valkor.	Equingral, didremeteolidat, 1960. 115 p. (Series: Iti: Truly, vpp. 97) Errata alip inserted. 1,000 copies printed. Sponsoring Agency: USCS, Claracys upraviently pidremeteorologichesbay shush	Leningrad. Clernaya geofizinheshaya observatoriya Toprosy atmosferrogo elekthichestra (Problems in A	PEASE I BOOK EXPLOIDATION	•	•		
j ::	JA/dvm/maa 10-14-60	neutrical Field 104 m Tons in the 106	: Bath for Model			Electrical Characteristics 63	Medirical Charges of	explores During	nd. No personalities are mentioned, References Heartrement of Rein Charges in	the Mais Geophysical Observatory east in stonepheric electricity felse deal with the electrical phenomena fels, and fogs. Observational techniques	secondogists and scientists concerned ty. The book can also be used by finitiones and by university students	of Physics and Mathematics; Ed.: N.V. Volkov.	dat, 1960. 115 p. (Series: Its: Trudy, vp. 97) 1,000 copies printed. Clarmoys uprevienity gidrams tearologichesky sluthby.	toriya a in Atmosmberic Kleatricity)	012ATION 807/4316 807/2-5-97				

Radio-Receiving Systems (Cont.)

SOV/4707

27

COVERAGE: The manual is based on lectures delivered by the author. The author's intention was to create a manual which would discuss only special features of the training program for radio engineers, especially the operation of radio-receiving systems in the Soviet merchant fleet. Special attention is given to problems related to long, medium and shortwave radio-receiving equipment used for signal communications. The author thanks Candidate of Technical Sciences K. F. Ditrikh, Docent; Candidate of Technical Sciences A. P. Sivers; and Candidate of Technical Sciences A. A. Fersman, Docent, for their assistance. There are 8 references, all Soviet.

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Introduction. Brief Historical Survey of Developments in Radio-Receiving Engineering

l.	Basic Information on Radio-Receiving Systems Basic qualitative indexes and requirements for radio-receiving systems	13
	Basic problems which have to be solved in radio-receiving systems	15

Card 2/11

8/531/62/000/136/004/007 A052/A101 Observations of corona currents from an artificial point Kolokolov, V. P., Semenov, K. A. Trudy . Leningrad. Glavnaya geofizicheskaya observatoriya. AUTHORS no. 136, 1962. Atmosfernoye elektrichestvo, 53 - 61 at Voyeykovo The article summarizes the results of observations carried out TITLE: TEXT:

The article summarizes the results of observations carried out the during summer periods 1958 - 1960 by the Main Geophysical Observatory at during summer periods 1958 - 1960 by the Main Geophysical of the earth of point discharge currents received by the earth of point discharge currents. during summer periods 1970 - 1980 by the Main Geophysical Unservatory at the earth of young summer periods 1970 - 1980 by the Main Geophysical Unservatory at the earth of young summer periods 1970 - 1980 by the Main Geophysical Unservatory at the earth of the earth Voyeykovo. The amount of point discharge currents received by the earth is evaluated and their dependence on the field intensity and the force of the evaluated and their dependence on the point discharge a device built on a massive the point discharge a device built on a SOURCE: is evaluated and their dependence on the field intensity and the force of wind is considered. To measure the point discharge a device built, on a wind is considered. To measure the point KO mm long and 1 mm in discharge a device the following the followi wind is considered. To measure the point discharge a device built, on a double triode 6H8 (6N8) was used. The point 60 mm long and 1 mm in discharge triode 6H8 (6N8) was metal nine which was mounted on the roof. double triode onto (onto) was used. The point ou mm long and 1 mm in al meter was fixed on an 1.5 m metal pipe which was mounted on the roof. meter was fixed on an 1.5 m metal pips which was mounted on the roof.

The total height over the earth surface was 10 m. In 1960 the point was a standard form point so mm long and 0 mm dismeter at the manifested by a standard form point 50 mm long and 0 mm dismeter at the The total neight over the earth surface was 10 m. In 1960 the point was replaced by a standard form point 50 mm long and 9 mm diameter at the replaced by a standard form point 50 mm the electric field intensity bases. replaced by a standard form point 30 mm long and 3 mm dlameter at the base. The current and at the same time the electric field intensity Card 1/3

s/531/62/000/136/004/007

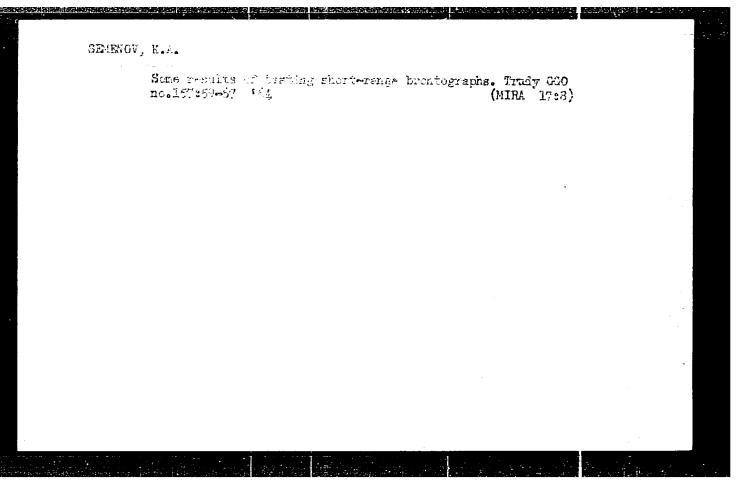
Observations of corona currents

at the earth surface was recorded on a MNIO-2 (MPO-2) loop oscillograph, the photographic film speed being 1 mm/sec. The time was recorded or the photographic film every two minutes by means of a clockwork. Mean current values were determined within 30 sec. intervals. The observations were made during showers and thunderstorms only, since at that time the field intensity in summer reaches critical values resulting in a corona from an artificial point. The observations have shown that the summary electric charges received by the earth on account of point discharge vary greatly not only for individual showers and thunderstorms but for individual. months and even years. In the most of cases both during showers and thunderstorms the negative charge prevails. No essential difference in the value and sign of the charge received by earth between showers and thunderstorms was detected. The average amount of electricity per km2 due to the point discharge is computed as 45 coulomb. The study of the effect of potential gradient and wind velocity has shown that at low wind velocities the dependence of the current on the potential gradient is nearly quadratic. This is true first of all for negative current values. At high wind velocities this dependence has nearly a linear form and at

Card 2/3

MAKHOTKIN, L.G.; SEMENOV, K.A.

Statistics of lighting discharges. Trudy GGO no.146:39-47 '63. (MIRA 17:2)

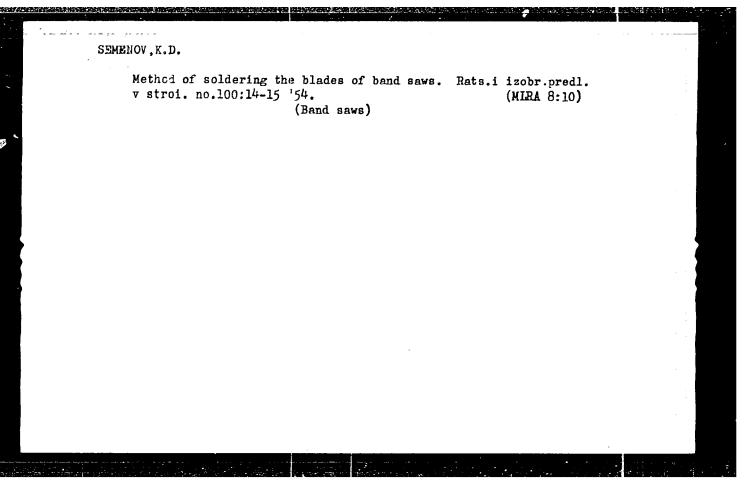


62960-65 EWT(1)/EWG(v)/FCC GW		
ACCESSION NR: AT5019950 UR/2531/65/000/177/004	16/0054	
AUTHOR: Astashenko, A. I.; Semenov, K. A.	57	
FITLE: Results of a comparison of lightning stroke recorders	25 23 3+1	
SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. T Atmosfernoye elektrichestvo (Atmospheric electricity), 46–54	rudy, no. 177, 1165.	
TOPIC TAGS: <u>meteorological instrume</u> nt, l <u>ightning</u> , lightning st storm 55,12 55,12	roke recorder, thunder-	
ABSTRACT: This article gives a report on the readings of various orders having different sensitivities and different antennas. A feelates the triggering threshold, the number of detected lightning	ormula is derived which	
ing the effective radius of a lightning stroke recorder. These for	o derived for computa-	
omputing the mean intensity of thunders orms in 1962-1963 in direct Oblast (near Voyeykovo, Tikhvin and Valaam). These data a	. 그의 그녀는 그는 12 CD LTS 전체로 있는데 네트를 내내는 중심 등 하는데 되고 내려왔다면 하는데 함께 다른데	
esults of recordings of the number of lightning strokes in Finland ral estimates of thunderstorm, activity are given. It was found or determining the effective radius of a lightning stroke recorder	d and Sweden, an i gen-	

L 62960-65 ACCESSION NR: AT5019950 meters or readings (over a sufficiently long period) with the parameters or reading 1 of a lightning stroke recorder with a known effective radius give close results in rost class. When the instruments are set up at different stations, care must be taken that all the parameters of the antenna-feeder apparatus of the lightning stroke recorders are identical Antennas which outwardly are very similar can differ more sharply in their characteristics than antennas which appear to be quite different. Thunderstorm activity at different stations in Leningrad Oblast is characterized by values of several strokes per square kilometer per year (counting only strokes which reach the ground). Similar values are ob tained in the neighboring countries as well. The shape of the curve of the mean diu nal value of the number of lightning strokes was found to be very stable. When several instruments of the same type but of different sensitivities are set up at a single station, it is possible to obtain information which is important for determining the effective radius of the instruments more precisely and for evaluating the quality of the observations. ()rig. art. has: 6 formulas, 2 figures and 11 tables. ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory) SUB CODE: ES ENCL: 00 SUBMITTED: 00 OTHER: 003 NO REF SOV: 003

SEMENOV, Konstantin Aleksandrovich; KUCHUMOVA, K.I., red.

[Radio receiving and amplifying systems] Radiopriemnye i usilitel'nye ustroistva. Moskva, Sovetskoe radio, 1965. 646 p. (MIRA 18:10)



17 (4) AUTHORS: Vladimirov, V. I., Semenov, K. I.

SOV/20-126-3-57/69

TITLE:

The Critical Period in the Development of Fish Larvae

(Kriticheskiy period v razvitii lichinok ryb)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 663 - 666

(USSR)

ABSTRACT:

The period mentioned in the title begins for fish larvae at the moment of transition to outside nourishment as long as yolk rests are still present. Mortality is rather high at that time. Up to now it has been asserted that this mcrtality is due to the lack of suitable edible organisms. The suthors, however, have proved that the very high mortality during the critical period (which, by the way, only lasts a few days) is principally due to the death of larvae with various defects of constitution. At this critical moment of organogenesis when the most important organic systems take charge of their final functions, the defects which had originated during the development of the egg are "realized". In investigating the reasons for the changes in the number of fish, great attention must be paid to the conditions of development of occytes, ovulation and embryonal development. The lack of suitable nourish-

Card 1/2

The Critical Period in the Development of Fish Larvae SOV/20-126-3-57/69

ment is often the main cause for the death of many larvae during their next stage of development, i.e. when they have fully passed over to outside nourishment (Ref 1). There are 2 tables and 16 references, 12 of which are Soviet.

ASSOCIATION:

Institut gidrobiologii Akademii nauk USSR (Institute of Hydro-

biology of the Academy of Sciences of the UkrSSR)

PRESENTED:

February 26, 1959, by Ye. N. Pavlovskiy, Academician

SUBMITTED:

February 2, 1959

Card 2/2

SEMENCY, K. I. Cand Biol Sci -- (diss) "Morphological and biological characteristics of the development of larvae of the Dnepreser sturgeon under various conditions of existence." Kiev, 1958. 16 pp (Min of Higher Education USSR. Kiev State Univ im T. G. Shevchenko), 150copies (KL, 36-58,111)

-19-

SEMERICV, E. I.

SEENOV, K. I. -- "The Morphological and Biological Features of the Development of the Larva of the Dmepr Sturgeon under Various Conditions of Existence." Min Higher Education USSR, Kiev State University imeni T. G. Shevchenko, Kiev, 1956. (Dissertation for the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No 43, October 1956, Moscow

AUTHOR: TITLE:

20-4-60/61 The Influence of Various Conditions of Light on the Development of a Sturgeon Embryo between Habding and Transition to Active Nutrition in Artificial Breeding. (O vliyanii razlichnykh usloviy osveshcheniya na razvitiye lichinok osetra v period ot vylupleniya. do perekhoda na aktivnoye pitaniye pri iskustvennom razvedenii,

PERIODICAL:

Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 4, pp 937 - 940

(U.S.S.R.)

ABSTRACT:

There are only few publications on the influence of light on early stages of the development of sturgeons. The author investigated these problems in the places of sturgeon breeding at the mouth of the river Dnepr. The observations made permit the conclusion that direct sunlight has an unfavourable influence on sturgeon larvae. There are data showing that direct sun-light (especially in the case of fishes which live near to the ground) inactivates catalysis in the blood, which obviously has a negative effect on the processes of the physiological oxidation in the organism. In this connection it is possible that the higher anomaly of the larvae which was ascertained in the experiment as compared with the control was effected by similar causes. Starting from the above described observations, the author believes that the sturgeon larvae under conditions of development

Card 1/2

AUTHOR:

Semenov, K. I.

sov/20-121-2-52/53

TITLE:

On the Problem of the Development Stages of the larvae of Acipenser gueldenstaedti (K voprosu ob etapakh razvitiya

lichinok osetra)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 2, pp. 389-392

(USSR)

ABSTRACT:

Several schemes explaining the division into stages in the development of the Acipenser gueldenstaedti have been suggested (Refs 1, 8-10, 12). The different opinions in this respect prove the fact that the larvae of Acipenser gueldenstaedti have not yet been sufficiently investigated. The author investigated this problem at the estuary of the river Dnepr. He arrived at the following conclusions: the development of the larvae of Acipenser gueldenstaedti from the moment of hatching to the complete changing over to active nutrition may be divided into two stages: I. This stage is characterized by a) a relatively rapid growing of the larvae. b) All important proportions of the parts of the head and expecially the linear bodily proportions are considerably altered in the final direction. c) The embryonal type of the gas exchange (mainly by the

Card 1/3

SOV/20-121-2-52/53

On the Problem of the Development Stages of the larvae of Acipenser gueldenstaedti

vessels of the yolk-network) is gradually replaced by the final gill-type of gas exchange. d) There exists the embryonal type of nutrition (at the expense of the yolk) and the preparation of all digestive organs to a passing over to a nutrition from outside. e) The capabilities of larvie to swim and to orient themselves in their surroundings is quickly developed. II. This stage is characterized by a) a slower growth than in stage I.. b) an increased variability of many proportions of the parts of heads, and a beginning of the formation of the proportions of the young fish. c) The definite functions of the most important organic systems of the larvae begin to work, the final differentiation still being incomplete. d) The decreased intensity of breathing and the increase of the sensitivity to lack of oxygen, as compared to stage I. e) The larvae begin to behave in their search for rutrition like grown-up fish. There are 2 figures and 12 references, 12 of which are Soviet.

ASSOCIATION: Card 2/3

Institut gidrobiologii Akademii nauk USSR (Institute of Hydrobiology, AS UkrSSR)

SOV/20-121-2-52/53

On the Problem of the Development Stages of the larvae of Acipenser

gueldenstaedti

PRESENTED:

February 12, 1958, by Ye. N. Pavlovskiy, Member, Academy of

Sciences, USSR

SUBMITTED:

September 22, 1956

Card 3/3

SEMENOV, K.I.

Biological differences in sturgeon eggs and their effect on the development of larvae in cultivation. Vop.ikht. 3 no.1:99-112 (MIRA 16:2)

1. Institut gidrobiologii AN UkrSSR, Kiyev. (Sturgeons) (Fishes--Eggs)

3-58-3-18/32

Semenov, K.P., Candidate of Technical Sciences, Dotsent AUTHOR:

It is Necessary to Disburden the Correspondence Students

(Neobkhodimo razgrusit' zaochnikov) TITLE:

Vestnik Vysshey Shkoly, 1958, Nr 3, page 66 (USSR) PERIODICAL:

With reference to the suggestion of M.I. Pochtman (Nr 7 of ABSTRACT:

this periodical for 1957) to forego the control projects of students taught by correspondence, it is the author's orinion that the control projects should be retained. They should, however, be organized in such a way that they serve only as a personal test of the students' knowledge before the exa-

minations.

ASSOCIATION: Novosibirskiy inzhenerno-stroitel'nyy institut imeni V.V.

Kuybysheva (Novosibirsk Engineering and Construction Institute

imeni V.V. Kuybyshev)

Library of Congress AVAILABLE:

Card 1/1

SEMENOV, K.P.

Our practice in organizing the work of a disinfection team. Veterinaria 33 no.11:74-76 N '56. (MIRA 9:11)

 Veterinarnyy vrach dezinfektsionnogo otryada Mirgorodskoy vetbak-laboratorii, Poltavskoy oblasti. (Disinfection and disinfectants) (Veterinary hygiene)

SEMENOV, K. P., Cand of Vet Sci -- (diss) "Comparative Zoo-hygenic Evaluation of Raising Calves in the Timber-Steppe Zone of the Ukraine,"

Moscow, 1959, 18 pp (All-Union Institute of Experimental Veterinary Medicine, All-Union Academy of gricultural Sciences im Lenin)

(KL, 5-60, 129)

SEMENOV, K.P., kand.veterin.nauk, nauchnyy sotrudnik "Hygiene of dairy barns as a means of increasing milk yields and quality" by [prof.] N.M.Komarov. Reviewed by K.P.Semenov. Zhivotnovodstvo 23 no.2:89-90 F '61. (MIRA 15:11)

1. Nauchno-issledovatel'skiy veterinarnyy institut Akademii sel'skokhozyaystvennykh nauk Belorusskoy SSR. (Dairy barns) (Komarov, N.M.)

SEMENOV, K.P., kand.veterin.nauk

Study of the physiological maturity of calves at an age when disease can be prevented for the purpose of evaluating the conditions for their keep. Trudy NIVI 1:277-285 '60.

(MIRA 15:10)

(Calves-Physiology)

Part 1: Expanding the industrial perspectives for raw products.
Trudy TSNIKPP no.3:35-55 '59. (MIRA 13:9)

(Starch industry)

SEMEMOV, Konstantin Sergeevich. Lesnoe khoziaistvo Urala. Sverdlovsk, Uralkniga, 1925. 117 p. (Ural's aia ekonomika, vyp. 2.) "Bibliografiia": p. 1157-117.

DLC: JD208.U7SL.

SO: LC, Soviet Geography, Part I, 1951, Uncl.

-CEMMOV, Konstantin Sergeevich.

S MENOV, K. S.

"A One-Hundred-Year History of the Forests of Yasnaya Polyana and the Problem of Preserving and Restoring Them." Cand Agr Sci, Inst of Forestry, Acad Sci, USSR, 4 Nov 54. (VM, 22 Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

CIA-RDP86-00513R001547820002-2 'APPROVED FOR RELEASE: 03/14/2001

Seme NOV, K

99-58-3-7/12

AUTHOR :

Semenov, K.S., Dotsent, Director

TITLE:

The Kiyev Hydro-melioration Institute During the Years of Soviet Rule (Kiyevskiy gidromeiorativnyy institut za gody sovetskoy vlasti)

Gidrotekhnika i Melioratsiya, 1958, # 3, pp 35-39 (USSR) PERIODICAL:

ABSTRACT:

The Kiyev Hydro-Melioration Institute was founded in 1922 from a former hydro-technical school. It was completely destroyed during the last war and rebuilt in 1944. At present, there are three faculties; 1) hydro-melioration; 2) hydraulic engineering and 3) hydro-electric power stations. Each faculty also has a correspondence course. Many teachers of the institute are famous professors and scientists, such as: Academician of the Ukrainian SSR Academy of Sciences, Professor, Doctor G.I. Sukhomel; Professors I.I. Gaponov, S.Ye. Krasnitskiy, Ye.V. Opokov, and A.P. Artem'yevskiy; Member-Correspondent of the Ukrainian SSR Academy of Sciences, Professor Doctor B.A. Pyshkin; Professors - Doctor N.V. Terpugov, Doctor A.V. Ogiyevskiy, Doctor V.V. Aristovskiy, Doctor N.P. Chebotarev, Doctor G.N. Vinogradov, Ye.V. Shevchenko, Doctor P.F. Fil'chakov, V.M. Nikiforov and others. Many technical and special text-books were published by the Institute along

Card 1/2

SEMENOV, K.S., kand. sil's'kolospodarskikh nauk; NIKONYUK, A.M., inzh.

Efficient shape of irrigated plots. Mekh. sil'. hosp. [9] no.5:
20-21 My '58.

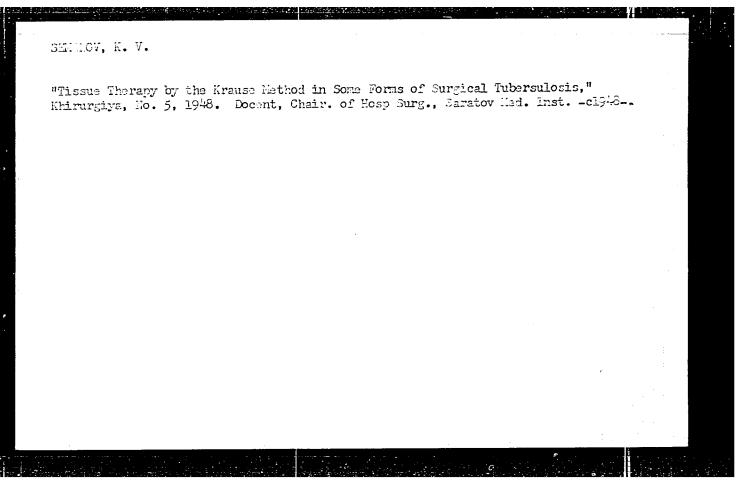
(Irrigation)

PISHKIN, B.A. [Pyshkin, B.A.], otv.red.; TYULENEV, M.O. [Tiuleniev, M.O.], red.; ARISTOVSKIY, V.V. [Aristovs'kyi, V.V.], doktor tekhn.nauk, red.; ALPAT'YEV, S.M. [Alpat'iev, S.M.], kand. sel'skokhoz.nauk, red.; ZHELZZNYAK, Y.A. [Zheliezniak, I.A.], kand.tekhn.nauk, red.; MAKSIMCHUK, V.L. [Maksymchuk, V.L.], kand.tekhn.nauk, red.; SEMENOV, K.S., kand.tekhn.nauk, red.; PECHKOVSKAYA, O.M. [Piechkovs'ka, O.M.], red.izd-va; KADASHEVICH, O.O., tekhn.red.

[Over-all utilization of Ukrainian water resources; collected studies] Kompleksne vykorystannia vodnykh resursiv Ukrainy; sbirnyk naukovykh prats'. Kyiv, 1959. 173 p. (MIRA 13:1)

1. Akademiia nauk URSR, Kiev. Rada po vyvchenniu produktyvnykh syl URSR. 2. Chlen-korespondent AN URSP; golova Komisii po proble-mi kompleksnogo vikoristannya vodnikh resursiv URSR, Rada po viv-chennyu produktivnikh sil URSR Akademii nauk URSR (for Pishkin).

3. Chlen-korespondent AN URSR; Ukrains'kiy naukovo-doslidniy institut gidrotekhniki ta melioratsii (for Tyulenev). 4. Institut gidrologii i gidrotekhniki AN URSR (for Zheleznyak, Maksimchuk, Pishkin). (Ukraine--Water resources development)



#Missus Therapy in Dispensaries," Khirurgiya, No. ô, 1948. Docent, Chair of Hoss. Surg., Baratov Ned. Inst., Polyclinic of First Saratov Num. Pub. Health Sv. -clyit.

Scientific heritage of N.I.Krauze. Khirurgiia, McFeb 51.	a, Moskva No.2:79-82 (CIML 20:6)			
1. Obituary.		-4		
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SEMERCY, K. Y.

"Investigation of Stresses in Mechanisms and Structures by the Tensiometer Method." Cand Tech Sci, Bor'kiy Polytechnic Inst, Gor'kiy, 1954. (RZhMekh, Par 55)

SC: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SEMENOV, K.V.

Tensometry of static deformations in a varying temperature fiels.

Zav.lab. 22 no.5:573-579 '56. (MLRA 9:8)

1. Gor'kovskaya nauchno-issledovatel'skaya laboratoriya ispytaniya materialov Ministerstva rechnogo flota.
(Strains and stresses--Measurement) (Strain gauges)

Singnon

122-4-6/29

Grikke, A.Kh., Candidate of Technical Sciences and Lecturer AUTHOR:

and Semenov, K.V., Candidate of Technical Sciences.

Investigation of horizontal forging machines by an oscillographic method using high-power strain gauges. (Issledovanie gorizontalno-kovocynykh mashin metodom ostsillografi.rovaniya TITIE:

s primeneniem "Moshchnykh" datchikov)

"Vestnik Mashinostroeniya" (Engineering Journal), 1957, No.4, pp. 36 - 39 (U.S.S.R.) PERIODICAL:

ABSTRACT: High-power strain gauges of 10 2 resistance requiring no amplifiers were used to measure the upsetting and clamping loads. The eight-channel electro-magnetic oscillograph Mi 0-2 was used for recording. The strain gauges were bonded on to the upsetting punches to measure the magnitude of their elastic deformation. Measuring capsules were inserted into special holes in the fixed dies, high-power gauges were attached to the capsules. The displacement of the upsetting ram and cross capsules. slides, the instant of die closure and the crank angle were also recorded together with timing marks. The first two by means of electrical string type displacement recorders and the die closure by means of contacts fixed to the dies. The princ-1/3 iples of gauge design and preparation have been described in an earlier paper of Semenov, K.V. and Spirov, V.V. "Zav.Iab."

Investigation of horizontal forging machines by an oscillographic method using high-power strain gauges. (Cont.)

temperatures during forging are also given. A third test was conducted without excessive drop of temperature and yielded the maximum loads during the second and third upsetting strokes emounting to about half those predicted. The differences between the tests show the large effect of the setting-up procedure of the dies.

ASSOCIATION: The Gorki Institute of Technology (Gor'kovskiy Politekhnicheskiy Institut imeni A.A. Zhdanova)

AVAILABLE:

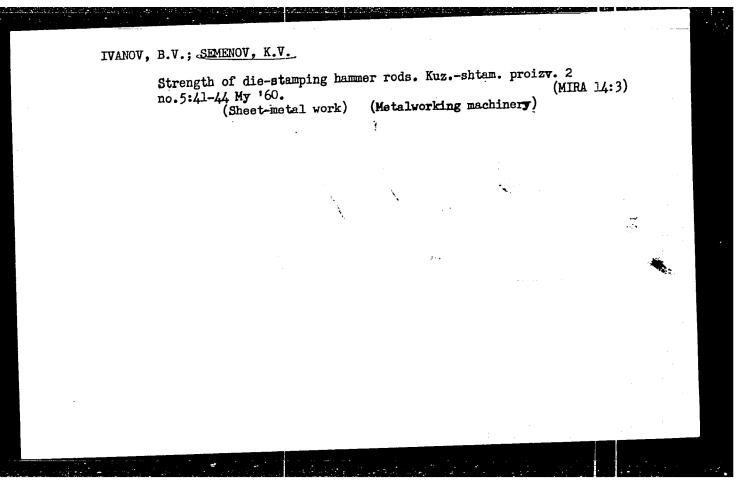
sov/115-58-6-16/43

An Amplifier for Tensiometric Measurements by Means of Resistance Tire Transducers

cording of deformations with the commutation of the neasured points is given in Figure 6. The deformations are recorded on a film during the interval E (Figure 7) after the impulse from the impulse generator has passed.

There are 5 graphs, 7 diagrams and 1 Soviet reference.

Card 2/2

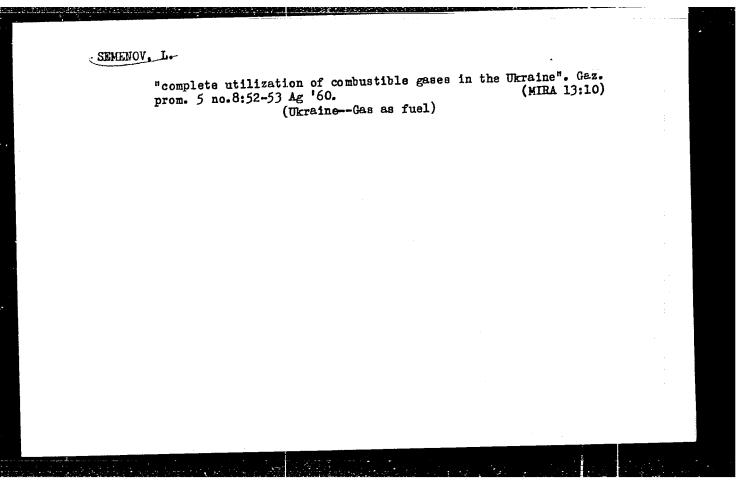


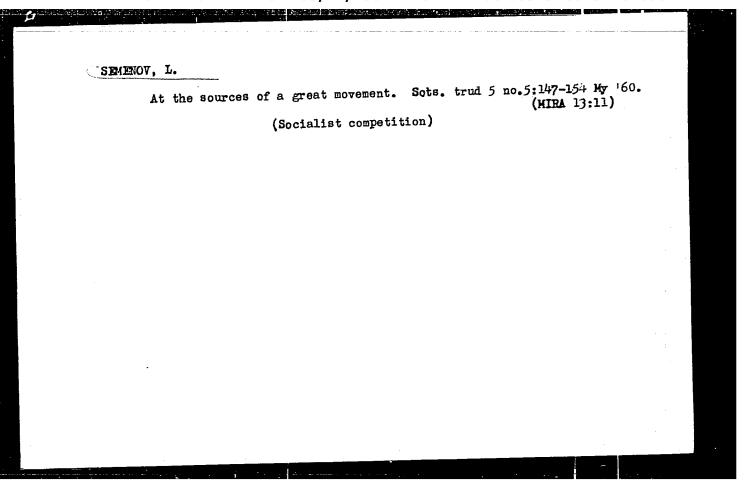
KLIMOV, I.V.; SEMENOV, K.V.; KLYUSHENKOV, L.N.

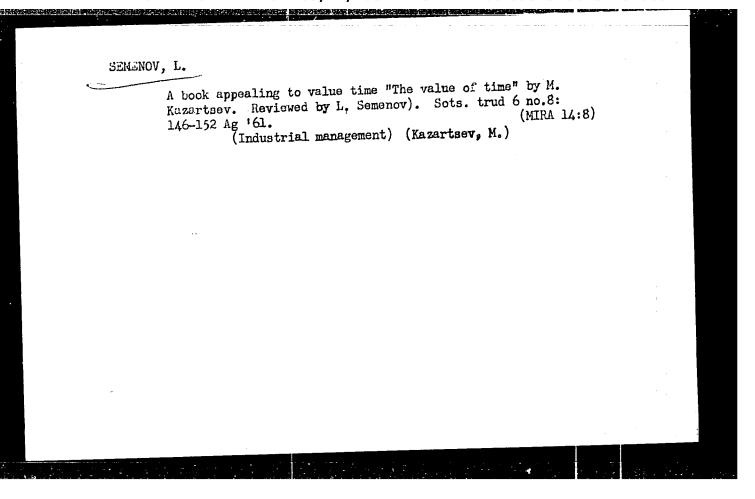
KSK-1 indicator for the oscillography of hammer operations.

Kuz.-shtam.proizv. 5 no.4:37-39 Ap '63. (MIRA 16:4)

(Forging machinery) (Oscillography)







SEMENO	V, L.
	Important problems of economists. Sots. trud 8 no.1:147-152 Ja 63. (SiberiaLabor and laboring classes)

GLUSKER, Ya., inzh.; SEMENOV, L., inzh.

Some regularities in the wear of medium trawler hulls. Mor. flot
23 no.6:27-29 Je '63. (MIRA 16:9)
(Hulls (Naval architecture)——Corrosion)
(Trawls and trawling)

SEMENOV, L.; DAVYDOV, V., nauchnyy sotrudnik

Production and utilization of humic fertilizers from coal. Plan. khoz. 41 no. 1:65-69 Ja '64. (MIRA 17:2)

- 1. Zaveduyushchiy laboratoriyey tekhniko-ekonomicheskikh issledovaniy Instituta goryuchikh iskopayemykh (for Semenov).
- 2. Institut goryuchikh iskopayemykh (for Davydov).

L 04455-67 EWT(m)/EWP(t) IJP(c) JD/WB	
ACC NR: AP6023607 SOURCE CODE: UR/0303/66/000/007/0031/0032	
AUTHOR: Semenov, L. (Assistant)	
ORG: Kaliningrad Technical Institute (Kaliningradskiy tekhnicheskiy institut)	
TITLE: The possibility and effectiveness of reinforcing the corroded shell of a ship without replacing it	
SCURCE: Morskoy flot, no. 7, 1966, 31-32	
TOPIC TAGS: shipbuilding engineering, shell structure, reinforced shell, corrosion, bending stress	
ABSTRACT: The replacement of corroded plates of a ship's shell, which normally has to be made at 12 to 20-year intervals, can in many cases be avoided by reinforcing the corroded shell panel with intermediate frames. Assuming an annual corrosion rate of 0.2 mm and considering that the stress in the corroded shell panel will be within allowable limits after a continuous servicetime of 10 years, relations are given for the required rigidity of the reinforcing intermediate frame. Corroded plates of 10 to 16-mm thickness have to be reinforced for an additional 10 years of service in such a	
way that their maximum stress will be reduced by $1.3-1.6$ times under the same load conditions. The bending moments in panels with a length-to-width ratio of $a/2b = 4$, which are fixed at sides a (main frames) and free sup-	
UDO: 629.128+629.12.011 0922 //3/	

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corted at sides 2b (headers), and in frames are plotted in curves for vari- bus rigidities. The relation between main and intermediate frame rigidities is shown for a/2b = 4 and a/2b = 2 panels for various stresses. The curves lemonstrate that at a given required stress reduction in the corroded panel, the required rigidity of the reinforcing intermediate frames increases with the increased rigidity of the main frames. Orig. art. has: 4 figures. [ATD PRESS: 5065-F]	
SUB CODE: 13, 11, 20 / SUBM DATE: none	
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10 1/2 - 1/2	Ì

SEMENCY, L. A.

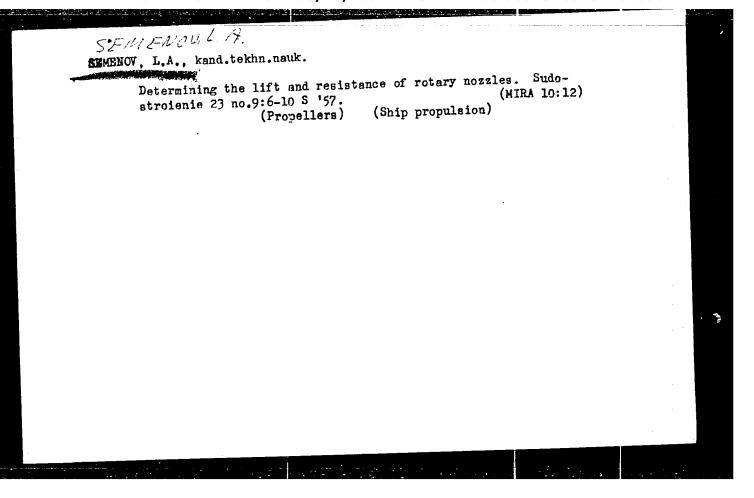
Electrophysiclegy

Forgotten pages from the history of Russian electrophysiology (1775-1803). Fiziol. Ehur., 38, no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

Goronary circulation in hypertension. Klin.med. 35 nc.9:131-138
S '57.

1. Iz ogepital'noy terapevticheskoy kliniki (zav. - prof. R.G.
Mezhebovskiy) Chkalovskogo meditsinskogo instituta.
(HYPERTENSION, compl.
coronary disa.s. ther.)
(GGROMARY DISA.S. etiol. and pathogen.
hypertension, ther.)



SEMENOV, L. A.

Heat radiation of heat stoves and heat calculations. Moskva Stroiizdat, 1943
79 p. (50-40775)

TH7435.S4

SEM HOV, L. A.

Cand. Technical Sci. "New Principles in Designing Furnaces for Living Quarters,"
Stroitel'. Prom., No. 2, 1948. (1908418).

SEMENOV, L. A. Engineer

Cand. Tech. Sci.

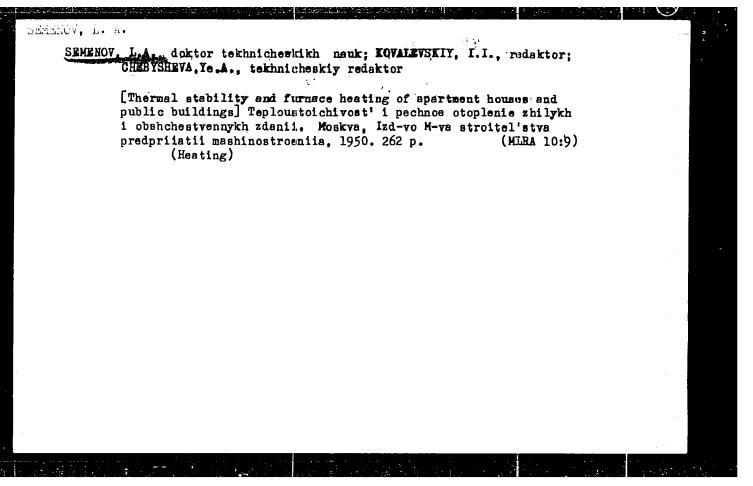
Dissertation: "Thermal Stability and Stove Heating of Residential Dweelings."

21 Feb. 49

Moscow Order of the Labor Red Banner Engineering Construction Inst.

imeni V. V. Kuybyshev

SO Vecheryaya Mcskva Sum 71



SEMENOV, Leonid Alekseyevich, professor, doktor tekhnicheskikh nauk;

BRENNER, R.H., dotsent, kandidat tekhnicheskikh nauk, redaktor

[deceased]; GUSEV, Yn.L., kand.tekhn.nauk, red.; VOIKOV, V.S., tekhn.red.

[Stove heating] Pechnoe otoplenie. Moskva, Gos.izd-vo lit-ry

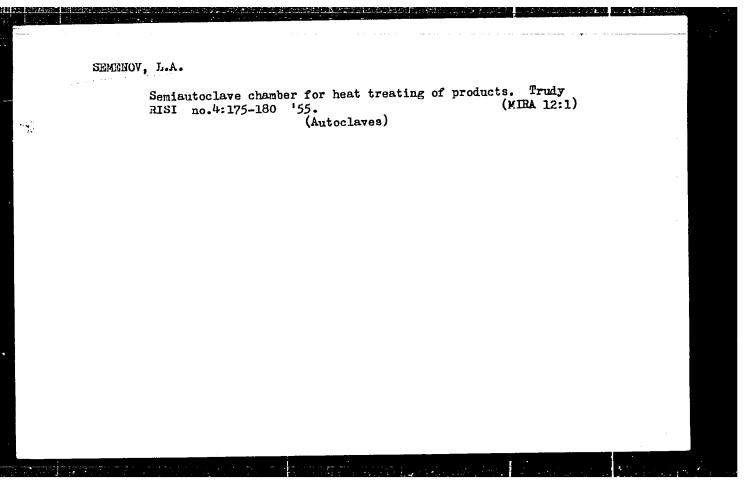
po stroit. i arkhitekture, 1955. 243 p. (MIRA 9:3)

(Stoves) (Heating)

SEMENOV, L.A., doktor tekhn.nauk, prof.

Determining thermophysical coefficients of materials under quasi-stationary thermal conditions. Trudy RISI no.4:151-174 '55. (MIRA 12:1)

(Heat--Transmission)



SEVELO /. Leonid Alekseyevich, doktor tekhnicheskikh nauk; CSTROVSKIY, Areksey Tenel yanovich, kandidat fiziko-matematicheskikh nauk; SHTEYNBOK, G.Yu., inzhener, vedushchiy redaktor; VASIL'CHENKO, C.N., inzhener, vedushchiy redaktor; TOLCHINSKIY, Ye.M., inzhener, redaktor

[Device for determining specific heat and coefficient of heat conductivity of materials. Resistance thermograph for isothermic chambers] Stend dlia opredeleniia udel'noi teploemkosti i koeffiteienta teploprovodnosti materialov. Termograf sporotivleniia dlia izotermicheskikh kamer. Hoskva, 1956, 12 p. (Prihory i stendy Tema 4, no. 2-56-482) (KIRA 10:10)

 Moscow. Institut tekhniko-ekonomicheskoy informatsii. (Heat--Transmission)

SEMENOV, L.A., doktor tekhn.nauk, prof.

Testing the heat conductivity and capacity of materials at quas.stationary temperatures using multilayer test places. Trudy RISI
no.9:5-23 '57.

(Heat capacity) (Heat cinduction)

(MIRA 12:11)

SEMENOV, L.A., prof., doktor tekhn. nauk

New-type autoclaves. Stroi. prom. 36 no.8:18-21 Ag '58.

(Autoclaves)

(MIRA 11:9)

SEMENOV, L.A., doktor telhn.nauk

Shortcomings of existing autoclaves. Bet. i zhel.-bet. no.2:71-75
F 159. (Autoclaves)

SEMENOV, L., prof., doktor tekhn. nauk

Automatic control for autoclaves. Stroitel' no.9;21 S '59. (MIRA 13:3)

(Autoclaves) (Automatic control)

SEMENOV, L.A., prof., doktor tekhn.nauk; BOGOSLOVSKIY, V.N., kand.tekhn.nauk, nauchnyy red.; NINEMYAGI, D.K., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Stove heating] Pechnoe otoplenie. Izd.2., perer. i dop. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960.
194 p. (MIRA 13:4)

SEMENOV, L.A., doktor tekhn. nauk, prof.; PODUROVSKIY, N.I., inzh.; CHERKINSKAYA, L.R., red. izd-va; MIKHEYEVA, A.A., tekhn. red.

[Pressureless autoclave] Beznapornaia proparochnaia kamera. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 105 p. (MIRA 14:10)

(Autoclaves) (Precast concrete)

MIRONOV, S.A., doktor tekhn. nauk, prof.; MALININA, L.A., kand. teknn. nauk; FEDOROV, V.A., inzh.; KAYSER, L.A., inzh.; KRONGAUZ, G.D., kand. tekhn. nauk; PANFILOVA, L.I., kand. tekhn. nauk; SEMEWOV, L.A., doktor tekhn. nauk, prof.; PODUROVSKIY, N.I., kand. tekhn. nauk; VINNITSKIY, A.M., kand. tekhn. nauk; KLIMOVA, G.D., red. izd-va; SHEVCHENKO, T.N., tekhn. red.

[Instructions on curing concrete and reinforced concrete products at plants and building sites] Instruktsiia po proparivaniiu betonnykh i zhelezobetonnykh izdelii na zavodakh i poligonakh. Moskva, Gosstrolizdat, 1962. 33 p. (MIRA 15:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut belona i zhelezobetoga, Perovo. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Mironov). (Precast concrete--Curing) (Autoclaves)

SEMENOV, L.A., prof., doktor tekhn.nauk

Control of isothermal conditions in a pressureless steam chamber.

Bet. i zhel.-bet. 9 no.2:78-30 F '63. (MIRA 16:5)

(Autoclaves)

KOPEL'YAN, I.E.; SEMENOV, L.A.; SMOLYAKOV, A.N.

Improving the molding process on punch-auger machines. Lit. proizv. no.8:12-13 Ag '63. (MIRA 16:10)

VOROBYYEV, 1.A., inzh.; SEMENOV, L.A., inzh.; SMOLYAKOV, A.N., inzh.

Vibration of centrifugal pipe-casting machines.

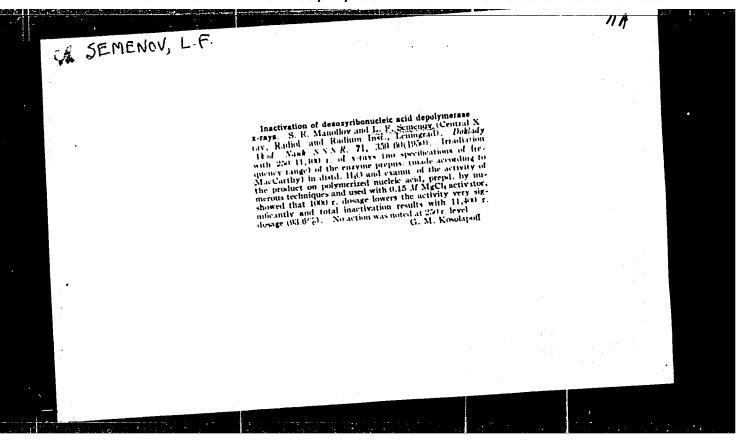
Mashinostroenie no.4:91-92 J1-Ag '64. (MIRA 17:10)

IVANISHCHEV, V.M., inzh.; SEMENOV, L.A., inzh.

Synthesis of a logical control system for the operation of lock gates.

Trudy LIVT no.64:50-59 '64.

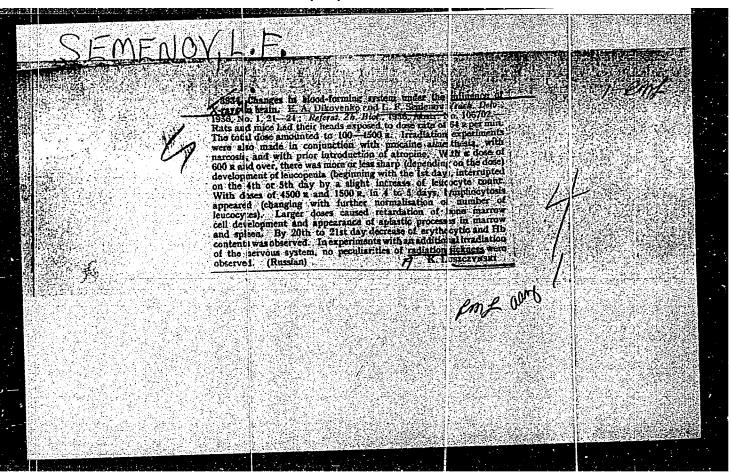
(MIRA 18:10)



SEMENOV, L. F. and PROMUDINA, Ye. A.

"The Prophylaxis of Radiation Sickness in the Experiment." a report presented at the Transcaucasian Radiological Conference, Tbilisi, 28-31 Cct 55.

Sum. No. 1047, 31 Aug 56



SEMENOV, L.

USSR/Human and Animal Physiology - Effect of Physical Factors. V-15

: Ref Zhur - Biol., No 1, 1958, 4562 Abs Jour

L. Syemyenov, Ye. Prokudina Author

: Experimental Prophylaxis of Radiation Sickness Inst Title

: Tr. 1-oy Zakavkazsk. konferentsii po med. radiol. Orig Pub

Tbilisi, Gruzmedgiz, 1956, 12-17

: Animals were subjected to general irradiation - 600-900 r. Administration of regulators of the central nervous Abstract

system (CNS) - bromide, caffeine, or combinations of both - and of excitants of the type of cardiamine (in doses not inducing a convulsion state) did not change the course of the radiation sickness. The application of an ether-barbamyl narcosis during irradiation did not remove the main manifestations of radiation sickness, but hastened the restoration of the disturbed functions

and decreased mortality by 18% with 100% mortality

Card 1/3

Luchevaya Bolezn' (Radiation Sickness), by L. A. Kachur, V. A. Petrov, M. N. Pobedinskiy, and L. F. Semenov, Moscow, Gosudarstvennoye Izdatel'stvo Meditsinskoy Literatury, 1956, 95 pp

This booklet is a handbook for secondary medical personnel. It provides basic information on the physical properties of ionizing radiations, dosimetry, the effect of large doses on the human organism, protective measures against the harmful effect of alpha-, beta-, and gamma-rays, and also on the management and treatment of individuals exposed to the action of ionizing radiation.

Chapter headings include: Dose and its intensity, Methods of measuring and measuring instruments, Instrument for individual inspection [pocket dosimeter], Dosimeters for inspection of shelters (DKZ), Investigation of contamination of air by radioactive substances, Investigation of contamination of water by radioactive substances, Protective measures against atomic weapons, Decontamination of contaminated surfaces and sanitary treatment of personnel, Acute radiation sickness, Therapy of acute radiation sickness.

A table (page 23) gives the maximum permissible levels for radioactivity under various conditions of action. The forms of radiation listed include X-, alpha-, beta-, and gamma-rays, slow neutrons, fast neutrons, alpha-active substances, beta-active substances, and betaand alpha-active substances. The conditions of action include external irradiation, external action, administration of active substances. in water, in air, aerosols in air, contaminated hands, contaminated clothing, and contaminated work area. (U)

Sum 1/1 1451

SEMENOV, L. F., and PROKUDINA, Ye. A.

"On the Use of Certain Sulfur-Containing Compounds in the Prophylaxis of Radiation Sickness," by L. F. Semenov and Ye. A. Prokudina, Division of Experimental Therapy of the Central Roentgeno-Radiological Scientific-Research Institute (director, Prof M. N. Pobedinskiy), Ministry of Health USSR, Meditsinskaya Radiologiya, Vol 1, No 4, Jul/Aug 56, pp 70-75

Some 2,000 white mice received sulfur-containing aqueous solutions subcutaneously and/or were subjected to a single dose of total X-ray irradiation. All controls irradiated without receiving the protective effect of sulfur-containing compounds died. The sulfur-containing preparations (cystineamine, tetramethylcystineamine, tetraethylcystineamine, cysteineamine, methylisothiourea, thiourea, and aminoethylisothiourea) were synthesized at the All-Union Scientific-Research Chemico-Pharmaceutical Institute and at the Leningrad Chemico-Pharmaceutical Institute.

The prophylactic effectiveness of thiourea, cystineamine, cysteineamine, and aminoethylisothiourea was confirmed. New sulfur-containing compounds (methylthiourea, tetramethylcystineamine, and tetraethylcystineamine) possessing a protective effect in radiation sickness have been synthesized. The protective action of the sulfur-containing compounds is intensified by narcosis during the moment of irradiation.

Sum 1219

SEMENOV, L.F., kandidat meditsinskikh nauk

"Principles of the biological action of radioactive radiation" by

B.N.Tarusova. Reviewed by L.F.Semenov. Vest.rent. i rad. 31 nc.6:

71-74 N-D *56.

(RADIOACTIVITY—PHYSIOLOGICAL EFFECT)

(RADIOACTIVITY—PHYSIOLOGICAL EFFECT)

SEMENOV, L.F.; BOL'SHAKOVA, G.A.; LYASHENKO, V.D.

Synthesis of new amino and mercapto compounds and their experimental testing in radiation sickness. Vop.radiobiol. 2: 389-393 '57. (MIRA 12:6)

1. Sotrudnik TSentral'nogo nauchno-issledovatel'skogo rentgenoradiologicheskogo instituta Ministerstva zdravookhraneniye. SSSR. (RADIATION SICKNESS) (UREA) (ETHANETHIOL)

SEMENOV, L.F. PROKUDINA, Ye.A.

Experimental data on the prophylaxis and therapy of radiation sickness. Vop.radiobiol. 2:394-401 157. (MIRA 12:6)

1. Sotrudniki TSentral'nogo nauchno-issledovatel'skogo rentgenoradiologicheskogo instituta Ministerstva zdravookhraneniya SSSR. (RADIATION SICKNESS) (PHARMACOLOGY)

Combination of adrenalin and acetylcholine in the prevention of radiation sickness. Med.rai. 2 no.3:35-40 My-Je '57. (MLHA 10:16)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR.

(RADIATION PROTECTION, exper.

acetylcholine & epirephrine in mice)

(ACETYLCHOLINE, eff.

in radiation protection of mice)

(EPINEPHRINE, eff.

same)

SEMENOV, L.F.

Development of most acute forms of radiation sickness [with summary in English]. Med.rad. 3 no.3:70-77 My-Je 158 (MIRA 11:7)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SCSR, Leningrad. (RAPIATION, inj. eff. acute radiation sickness, dos, in animals (Rue))

Testing cholinergic agents in the prevention of radiation sickness in mammals [with summary in English]. Med.rad. 3 no.6:58-61 N-D '58.

(MIRA 12:1)

1. Iz Instituta eksperimental'noy patologii i terepii AMN SSSR (Sukhumi).

(RADIATION PROTECTION,
by cholinergic agents in animals (Rus))

(PARASYMPATHOMIMETICS, effects,
radiation protection in animals (Rus))

YERMOL'YEVA, Z.V.; PEKERMAN, S.M.; SEMENOV, L.F.

Testing certain antibiotics for the prevention of radiation sickness.

Antibiotiki 4 no.6:78-80 N-D '59. (MIRA 13:3)

1. Institut eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.
(RADIATION PROTECTION)
(ANTIBIOTICS)

YAKOVLEV, V.V.; SEMENOV, L.F.

Changes in the various indicators of the functional state of the cutaneous vessels in monkeys in acute radiation sickness. Wec.rad.

4 no.11:52-56 N '59.

(RADIATION INJURY experimental)

(SKIN blood supply)

SEMENOV, L.F.; FEDOROV, B.A.

Development of radiation sickness in animals following irradiation of the facial portion of the head. Zhur.ob.biol. 20 no.4: 307-312 Jl-Ag '59. (MIRA 12:11)

1. Institut eksperimental noy patologii i terapii AMN SSSR, b.Sukhumi.

(RADIATION SICKNESS) (HEAD)

